

Mycoplasma qPCR Detection Kit (Cat. No. G240)

Reliable Results, Streamlined Workflow!



SIMPLE & FAST

abm's Mycoplasma qPCR Detection Kit (Cat. No. G240) offers a fast, extraction-free protocol and ultra-sensitive detection limit as low as 10 copies. With compatibility across major qPCR instruments and no need for gel electrophoresis or DNA purification, this kit streamlines your workflow while delivering highly reliable results.

Competitor kits often require lengthy sample preparation, multiple steps, or gel analysis—resulting in increased hands-on time and risk of contamination. abm's kit eliminates those challenges, providing a clean, efficient solution for routine mycoplasma screening with minimal effort and maximum confidence.

Market Leading Performance

	abm	Competitor A	Competitor T
Number of Reactions per Kit	100	50	96
Sample Type and Amount	5 μ l cell culture supernatant	100 μ l cell culture supernatant or scraped cells	1 ml cell culture supernatant
Sample Preparation Required	No DNA Extraction	Boiling + DNA purification	Lysis + Filtration
Sample Preparation Time	~10 min	~40 min	~2–3 hours
qPCR Run Time	~1 hour 30 mins	~2 hours 25 mins	~2 hours 45 mins
Total Time to Results	< 2 hours	~3 hours	~4–5 hours
Internal PCR Control	No (not required due to assay specificity)	Yes (requires additional setup and controls)	Yes
Number of Species Detected	400+ Mycoplasma and Acholeplasma species	8 most common Mycoplasma and Acholeplasma species	90+ Mycoplasma species
Reported Sensitivity	10 copies	10–100 copies	<10 genome copies
Ease of Result Readout	Straightforward (Ct < 35 = Positive)	Complex (requires melt curve interpretation)	Complex (Ct, melt curve, derivative plot)
Additional Materials Required	None (ready-to-use, ROX included)	DNA purification kit, boiling setup, melt-capable qPCR	Filtration device, DNA prep reagents, melt-capable qPCR

Streamlined and Simple Workflow

